

DOCKET NO.: GKN-0137/365 PA 012 WO US  
PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Ewald May**

**Application No.: 10/645,725**

**Filing Date: August 21, 2003**

**For: PISTON WITH SUPPORTING CONNECTOR ELEMENTS FOR A PISTON-  
CYLINDER ARRANGEMENT, IN PARTICULAR A SHOCK ABSORBER  
PISTON**

**Confirmation No.: 8175**

**Group Art Unit: 3754**

**Examiner: Not Yet Assigned**

DATE OF DEPOSIT:

*June 2, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
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*Elizabeth A. McLoud*

TYPED NAME: Elizabeth A. McLoud

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☒ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. \_\_\_\_\_, filed \_\_\_\_\_.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

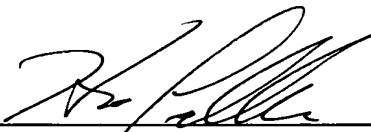
**DOCKET NO.: GKN-0137/365 PA 012 WO US  
PATENT**

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- ☐ The relevance of those listed references which are not in the English language is as follows:
- ☒ English language abstracts have been provided for references **18-22, 24-26, 29-47 and 51** which are not in the English language with the exception of reference numbers **27 and 28 abstract not available and 50 which is equivalent to U.S. Patent No. 2,159,855 A1.**

Date:

*June 2, 2004*

  
\_\_\_\_\_  
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Sheet 1 of 5

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. GKN-0137/ 365 PA 012 WO US	Application No. 10/645,725
	Applicant Ewald May	
	Filing Date August 21, 2003	Group 3754
	Confirmation No. 8175	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	1	Worm, A.T., "Fluoroelastomers DRIVING TOWARD THE FUTURE," <i>Machine Design</i> ; Seiten, 1994, 66(11), 84-92
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>



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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	2	2,240,644	05/06/41	Focht	188	88
	3	2,912,069	11/10/59	Dillenburger	188	88
	4	3,212,411	10/19/65	Storms	92	248
	5	3,730,305	05/01/73	Fouts	188	322
	6	4,591,033	05/27/86	Taylor	188	317
	7	4,610,332	09/09/86	Mourray	188	322.15
	8	4,821,850	05/18/89	Geiling, et al.	188	315
	9	5,070,971	12/10/91	Dourson, et al.	188	317
	10	5,520,092	05/28/96	Iida, et al.	92	240
	11	5,588,350	12/31/96	Bowell, Sr.	92	192
	12	5,611,260	03/18/97	Kanari, et al.	92	248
	13	5,785,160	07/28/98	Grundei	188	322
	14	6,591,948 B2	07/15/03	Casellas, et al.	188	322.18
	15	2002/0046651 A1	04/25/02	Casellas, et al.	92	248
	16	2002/0056368 A1	05/16/02	May	92	248
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>		



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				Confirmation No. 8175			
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	17	WO 00/34681	06/15/00	PCT			
	18	0 218 274	04/15/87	EPO	X abstract		
	19	0 345 561	12/13/89	EPO	X abstract		
	20	0 407 865 A2	01/16/91	EPO	X abstract		
	21	0 557 548 A1	09/01/93	EPO	X abstract		
	22	0 658 611 A1	06/21/95	EPO	X abstract		
	23	0 682 190 B1	04/15/98	EPO			
	24	34 29 474 A1	02/20/86	Germany	X abstract		
	25	38 12 574 A1	10/26/89	Germany	X abstract		
	26	44 21 968 A1	01/11/96	Germany	X abstract		
	27	44 21 208 A1	12/21/95	Germany		X Abstract not available	
	28	90 17 933	10/31/91	Germany		X Abstract not available	
	29	197 07 633 C1	07/09/98	Germany	X abstract		
	30	198 47 341 A1	04/20/00	Germany	X abstract		
	31	198 47 342 A1	08/17/00	Germany	X abstract		
	32	198 47 343 A	04/20/00	Germany	X abstract		
	33	296 23 140 U1	01/02/98	Germany	X abstract		
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<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	34	03 074681 A	03/29/91	Japan	X abstract		
	35	05 262976	10/12/93	Japan	X abstract		
	36	06 025499	02/01/94	Japan	X abstract		
	37	59 040066	03/05/84	Japan	X abstract		
	38	60 141743 A	07/26/85	Japan	X abstract		
	39	60 245659 A	12/05/85	Japan	X abstract		
	40	61 025730 A	02/04/86	Japan	X abstract		
	41	61 082072 A	04/25/86	Japan	X abstract		
	42	61 116135 A	06/03/86	Japan	X abstract		
	43	61 166137	07/26/86	Japan	X abstract		
	44	61 116138	06/03/86	Japan	X abstract		
	45	61 221254 A	10/01/86	Japan	X abstract		
	46	62 015280	01/23/87	Japan	X abstract		
	47	62 231725	10/12/87	Japan	X abstract		
	48	686 705	01/28/53	Great Britain			
	49	2 072 797 A	10/07/81	Great Britain			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	50	757,515 equivalent to US 2,159,855 A1	12/27/33	France		X
	51	2 481 969	11/13/81	France	X abstract	
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>		